



Performance Budgeting

Project Q3 PMP Report

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Commonwealth of Virginia
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1 Introduction

1.1 Purpose

The purpose of this document is to review the Performance Budgeting (PB) Project Management Plan (PMP) and each of its component documents as well as to identify activities that occurred during Quarter 3, February 1, 2010 and April 30, 2010, of the project.

Now that the PB Configuration Management Plan is approved, this document will include all of the changes made to Non-Project Management Plan Document Control Items as identified in the PB Configuration Management Plan since each Control Item was approved by COVA and base-lined.

1.2 Organization

This document is intended as a summary for the Commonwealth of Virginia (COVA) Project Manager. It is organized into a section for each document with the following subsections in each:

- Activities Related to the Plan
- Content Changes to the Plan

2 PB Project Management Plan

2.1 Activities Related to the Plan

- Specific activities related to the PB Project Management Plan are included in the supporting plan summaries in this document

2.2 Content Changes to the Plan

- In Section C, removed Faye Anson as Project Manager and replaced with Scott Leake. Also, changed Fred Rey's company affiliation from Beacon IT to PPC. Milestone dates will be changed once the updated WBS is finalized and approved

3 PB Project Budget Plan

3.1 Activities Related to the Plan

The following deliverables were accepted by COVA during Q3:

- PB Final PB Application Design Document
- PB Test Plan
- PB Security Plan
- PB Performance and Capacity Planning Approach Document
- PB Prosci PCT Analyzer Assessment Report
- PB External Interface Control Document
- PB Data Conversion and Migration SSIS Packages Document
- PB Report Design and Specifications Document
- PB Configuration Management Plan
- PB Project Q2 PMP Report
- PB Project Q2 Summary Report
- PB Sandbox Hosting Environment
- PB Unit Test Scripts
- PB System and Integration Test Cases
- Entered monthly project status reports into ProSight

3.2 Content Changes to the Plan

- Updated WBS is in the approval process

4 PB Project Communication Plan

4.1 Activities Related to the Plan

- Communiqué created and distributed to DPB staff in February; Communiqué was also provided to Enterprise Application Development for their newsletter
- Steering Committee Presentations
- PB Project Management Team Meeting Presentations
- Two Agency Out-Reach Meetings completed
- Meeting Minutes for Steering Committee and PB Project Management Team created and distributed
- Action Item Logs for Steering Committee and PB Project Management Team created
- PB Project Repository updated regularly
- Risk, Issue, and Change Management Logs updated regularly
- Change Request regarding BITS Interface approved by Steering Committee
- Entered monthly project status reports into ProSight

4.2 Content Changes to the Plan

- None since COVA approval

5 PB Project Performance Management Plan

5.1 Activities Related to the Plan

- Pertaining to Objective 7, IV&V Process Audit results were provided by NorthHighland

5.2 Content Changes to the Plan

- None since COVA approval

6 PB Project Procurement Plan

6.1 Activities Related to the Plan

- Procured 3 SSL Web Certificates (Training, UAT, and Production)
- Procured Adobe Framemaker, Version 9
- Procured Adobe Framemaker, Version 9 Mediao
- Received System Test Environment from VITA/NG
- Received Training Environment from VITA/NG
- Procured Office Supplies

6.2 Content Changes to the Plan

- None since COVA approval

7 PB Project Quality Plan

7.1 Activities Related to the Plan

- IV&V Process Audit Reports were provided by NorthHighland
- Created PB Project Q3 PMP and Q3 Quarterly Summary Report
- Produced Bi-Weekly Status Reports and presented in PB Project Management Team Meetings
- Conducted inspections (i.e., Peer Reviews and Tech Edit) of each deliverable prior to delivery to the client
- Two Agency Out-Reach Meetings and completed
- One DPB Out-Reach Meeting was completed
- Project team members attended three System Demo Sessions demonstrating the PB Systems capabilities
- Action Items created and assigned
- Meeting Minutes created and available on the PB Project Repository
- Weekly Code Reviews for Data Conversion and Migration, External Interfaces, and Reporting were conducted

7.2 Content Changes to the Plan

- None since COVA approval

8 PB Project Resource Management Plan

8.1 Activities Related to the Plan

- Scott Leake took on role as PPC Team Project Manager
- Samant Katyal joined the PPC Team as the Test Lead
- Beverly Roberts joined the PPC Team as the Jr Trainer
- Ope Onibokun left PPC

8.2 Content Changes to the Plan

- Removed Faye Anson from the Org Chart on page 6 and identified Scott Leake as the PPC Team Project Manager
- Removed Faye Anson from the Org Chart on page 7 and identified Scott Leake as the PPC Team Project Manager; also added Samant Katyal as the Test Lead and Beverly Roberts as the Jr Trainer; removed Ope Onibokun as the Business Process Redesign Lead
- In the chart on Pages 11-12, removed Faye Anson from the chart; changed Scott Leake's title from Deputy Project Manager to Project Manager; removed Ope Onibokun; added Samant Katyal as the Test Lead; added Beverly Roberts as the Jr Trainer

9 PB Project Risk and Issue Management Plan

9.1 Activities Related to the Plan

- Created two new risks as a result of the financial issues with Beacon in the previous quarter; one of the two were closed this quarter as a result of former Beacon resources joining PPC and relocating to the U.S.
- Presented updated risks to Steering Committee and PB Project Management Team as a result of the issues with Beacon

9.2 Content Changes to the Plan

- None since COVA approval

10 PB Project Schedule Management Plan

10.1 Activities Related to the Plan

- Schedule progress and deliverables reviewed in weekly internal PPC Team Meetings
- Schedule progress and deliverables shared with PB Project Management Team during Bi-Weekly Team Meetings
- Schedule progress and deliverables shared with the PB Project Steering Committee

10.2 Content Changes to the Plan

- None since COVA approval

11 PB Project Scope and Change Management Plan

11.1 Activities Related to the Plan

- Work Breakdown Structure (WBS) reviewed and updated
- Change Request for requirements originally identified as “No’s” completed and closed
- Change Request for purchase of 150 BIDS user licenses put on hold as a result of BIDS situation
- Change Request to get information from BITS approved by the Steering Committee
- Change Requests to incorporate changes to the design of the PB System created and moving through the process
- Change Requests to reflect documentation changes created and moving through the process (see Tables 1 through 5 below)
- Requirements Traceability Matrix (RTM) for Design approved

11.2 Content Changes to the Plan

- None since COVA approval

12 PB Fit/Gap Plan

12.1 Activities Related to the Plan

- The Fit/Gap Analysis established a baseline for project scope as part of the development of the detailed project plan. The Fit/Gap Analysis built upon the analysis performed as part of the In-Depth Demonstrations conducted during the Proposal Evaluation process and further refined the scope definition in order to appropriately assign resources and schedule project work. Results of the In-Depth Demonstrations and Fit/Gap Analysis were documented using the Requirements Traceability Matrix (RTM) and Requirements Traceability Matrix for Design.

12.2 Content Changes to the Plan

- None since COVA approval

13 Requirements Traceability Matrix and Requirements Traceability Matrix for Design

13.1 Activities Related to the Plan

- Documented the results of the In-Depth Demonstrations and Fit/Gap Analysis

13.2 Content Changes to the Plan

- None since COVA approval

14 PB Data Conversion and Migration Plan

14.1 Activities Related to the Plan

- Identified the logistical steps required to convert and/or migrate data from selected legacy systems into the new Performance Budgeting (PB) System for Phase I of the project. Discussed only those systems being replaced by the new PB System and the source data systems being affected.
- Detailed assumptions and prerequisites for the conversion along with a summary of all the impacted external source systems, conversion schedule, mitigation plans, and high-level procedures and techniques that will be followed.

14.2 Content Changes to the Plan

- None since COVA approval

15 Preliminary and Final PB Data Conversion and Migration Design

15.1 Activities Related to the Plan

- Discussed the design for migrating and converting data from older existing systems (“source systems”) into the new PB System (“target system”)

15.2 Content Changes to the Plan

- None to the Preliminary PB Data Conversion and Migration Design
- Changes to PB Final Data Conversion and Migration Design are reflected in Table 1 below. These changes are part of Change Request (CR) ID#19486

Table 1: Changes to PB Final Data Conversion and Migration Design

Change/Version Number	Date of Change	Impacted Section/Description of Change	Person Entering Change
1.1	01/19/2010	Based on migration findings, YTD Amt’s data type in ExpendWise.Mgr_ExpRev has to be decimal (18, 2); SixYearNGF.SixYearNGF table’s primary key should be SixYearNGFID (changed to SixYearNGF_ID) and SessionYear.	Lisa Li
1.2	02/23/2010	Updated and added an auto number as primary key for the following tables based on the source data constraints: Mgr_FundReqNGF Mgr_MR1NGF Mgr_H1Consultant Mgr_H1MiscCost Mgr_H1LeasePayment Mgr_H1EnergySaving	Lisa Li
1.3	03/08/2010	Added Ref_Mgr_InOrOut table for SixYearNGF schema which was missed.	Lisa Li
1.4	03/23/2010	Replaced column name “ID” with “RequestNumber” in both Bets.Mgr_Adjustment and Bets.Mgr_AdjustmentRecord table based on Scott Hubbard’s request. Updated AdjustmentAmt data type from “int” to “decimal (18,2)” in Bets.Mgr_AdjustmentRecord table.	Lisa Li

16 PB Coding Structure and Data Standards Document

16.1 Activities Related to the Plan

- Defined the overall VITA Performance Budgeting Project Coding Structure and Data Standards and covered design and implementation activities in four major areas: 1) custom code development, 2) database development, 3) report development, and 4) BIDS development.

16.2 Content Changes to the Plan

- Changes to PB Coding Structure and Data Standards Document are reflected in Table 2 below. These changes are part of CR ID#19847

Table 2: Changes to PB Coding Structure and Data Standards Document

Change/Version Number	Date of Change	Impacted Section/Description of Change	Person Entering Change
0.26	1/11/2010	Updated the Database index naming standards to account for a limitation imposed by SQL Server.	Anthony Lewandowski
0.27	1/22/2010	Updated folder structures under source control and added script name convention for database objects. Updated unique constraint index name standard to account for a limitation imposed by SQL server.	Lisa Li
0.28	4/7/2010	Removed "Variables are to be prefixed with "v_", and parameters are to be prefixed with "p_" from the Database Coding Standards and Practices section because no developers follow this standard and it is too late to make lots of changes in both front end and backend.	Lisa Li

17 PB Abbreviations and Glossary

17.1 Activities Related to the Plan

- Defined the abbreviations used for Coding and Project Management Documents for the Performance Budgeting (“PB”) Project

17.2 Content Changes to the Plan

- None since COVA review (this was not a billable deliverable)

18 Preliminary and Final PB External System Interfaces Design Document

18.1 Activities Related to the Plan

- Identified the technical design whereby data from the External Systems is brought into the new PB System. Identified the data needs of the new PB System vis-à-vis the External Systems, the technologies employed, the databases required to support interface operations (to include data models), the logical system architecture, the physical system architecture, the service designs, and the process flow.

18.2 Content Changes to the Plan

- None to the Preliminary PB External System Interfaces Design Document
- Changes to PB Final External System Interfaces Design Document are in Table 33 below. These changes are part of CR ID# 19849

Table 3: Changes to PB Final External System Interfaces Design Document

Change/ Version Number	Date of Change	Impacted Section/Description of Change	Person Entering Change
1.4	12/21/2009	<p>The following changes have been made to the data model:</p> <p>ExpendDataImport</p> <ul style="list-style-type: none"> GLCode is now varchar(3) FIPSCode is now varchar(3) RetrievedOn has been renamed to dt_Retrieved Amount type changed to decimal(15, 2) <p>DevDataExtract</p> <ul style="list-style-type: none"> RespAreaCode renamed to RespAgencyCode RecordTypeCode has been added to data model. <p>Project</p> <ul style="list-style-type: none"> ProjectCode is now char(5) <p>Fund</p> <ul style="list-style-type: none"> FundCode is now char(4) <p>Revenue</p> <ul style="list-style-type: none"> RevenueCode is now char(5) <p>Object</p> <ul style="list-style-type: none"> ObjectCode is now char(4) 	Kazi Huque

		AuditLog <ul style="list-style-type: none"> • ObjectMap column has been removed. EnactBudgetData <ul style="list-style-type: none"> • Field types for BDM and DLAS budget fields have been changed to decimal(11, 3) ModifiedEnactedBudget <ul style="list-style-type: none"> • Organization_ID foreign key has been added. • Project_ID foreign key has been added. • Amount and AmountPositive columns have been added. • Amount field types have been changed to decimal(11, 0) 	
1.5	12/21/2009	Changed object model: <ul style="list-style-type: none"> • Updated property names, types, and order to reflect database. • Changed doubles to decimals. • Renamed Get*List factory method parameters to criteria. • Added Criteria property to business child classes where missing. • Changed PMIS.Retirement to RetirementYear, RetirementMonth, RetirementDate ints. • Changed ExpenditureCriteria.GLCode to string. • Added: <ul style="list-style-type: none"> ○ DevDataExtractCriteria.RecordTypeCode ○ ModifiedEnactedBudgetData.Amount ○ ModifiedEnactedBudgetData.AmountPositive ○ ModifiedEnactedBudgetDataCriteria.OrganizationCode ○ ModifiedEnactedBudgetDataCriteria.ProjectCode • ModifiedEnactedBudgetData.Amount • ModifiedEnactedBudgetData.AmountPositive • ModifiedEnactedBudgetDataCriteria.OrganizationCode • ModifiedEnactedBudgetDataCriteria.ProjectCode • Removed PMIS.Data.AgencyCode (already in PMIS.DataCriteria). 	Jesse Douglas
1.6	12/23/2009	The following changes have been made to the data model. <ul style="list-style-type: none"> • Updated data model diagram • Added ExpendCoordinate, ExpendValue, and Ref_MonthYear, Employee, and BudgetInfo tables. • Removed ExpendDataImport, Ref_Month, PMIS tables, and all the old chart of account tables such as Organization, Object, Program, etc. • Removed all relationships between Chart of Account tables 	Kazi Huque

		<p>EnactBudgetData, ModifiedEnactedBudget, DevDataExtract, and BudgetExecTranExtract data tables.</p> <ul style="list-style-type: none"> Renamed DataTransfer_ExternalInterface to DataTransferExternalInterface. Added new chart of account tables to accommodate for revised requirements for the PB System. These new tables are Cost, OperatingProject, FundGroup, FundDetail, RevenueSource, and FundGroupRevenueSource. The table and column descriptions were updated according to the changes listed above. <p>The PBConnector object model has been updated with the following changes.</p> <ul style="list-style-type: none"> Helper classes have been added to describe triggers for a data transfer scheduled task. These classes are Trigger, Daily, OneTime, Weekly, Monthly 	
1.8	12/23/2009	<p>Added definitions for RORC and ROCL to Table 11.</p> <p>Changed the PBInterface object model:</p> <ul style="list-style-type: none"> Renamed: <ul style="list-style-type: none"> PMIS.Data to PMIS.Employee CARS.ModifiedEnactedBudgetData to CARS.ModifiedEnactedBudget CARS.BudgetExecTranExtract to CARS.BETransaction BBS.EnactedBudget to BBS.EnactedBudgetDev BBS.DevDataExtract to BBS.BudgetDev Overhauled the PMIS object model to better reflect imported PMIS data: <ul style="list-style-type: none"> PMIS.Employee stores information about an employee's position, role, salary, retirement, health plan, etc. PMIS.BudgetInfo stores codes and data describing the source of an employee's compensation. An employee can have up to thirteen of these. Root and child classes in inbound interfaces inherit from ReadOnlyBase and ReadOnlyListBase, as appropriate; their properties have been made read-only. Renamed *Criteria classes to *ListCriteria and nested them within their respective lists. Child objects explicitly contain the properties stored by their respective list's criteria classes, rather than storing a reference to a criteria object holding these values. 	Jesse Douglas
1.11	12/23/2009	<ul style="list-style-type: none"> Renamed PMIS.BudgetInfo* to PMIS.BudgetInformation*. Added DataContainer, DataRow, and DataReader classes to object model. Added internal static factory methods to business child classes. 	Jesse Douglas

1.13	12/24/2009	<p>Made following changes to data model.</p> <ul style="list-style-type: none"> Added Code to all Ref_ tables. Added tables: Daily, Weekly, OneTime, Monthly, Ref_TriggerType, Day, MonthlyMonth <p>Made following changes to the PBConnector object model.</p> <ul style="list-style-type: none"> Added StartDate property to Trigger class. Added EndDate property to Daily, Weekly, and Monthly classes. Added enum_TriggerType. 	Kazi Huque
1.14	12/28/2009	<p>Renamed the following in the PMIS object model:</p> <ul style="list-style-type: none"> EmployeeList.GetPositionList() to EmployeeList.GetEmployeeList() Employee.BudgetInfoList to Employee.BudgetInformationList EmployeeDataContainer to DataSet EmployeeDataRow to EmployeeRow BudgetInformationDataRow to BudgetInformationRow Employee.GetEmployee(dataRow) to Employee.GetEmployee(employeeRow) BudgetInformationList.GetBudgetInformationList(dataRow) to BudgetInformationList.GetBudgetInformationList(employeeRow) BudgetInformation.GetBudgetInformation(dataRow) to BudgetInformation.GetBudgetInformation(budgetInfoRow) 	Jesse Douglas
1.15	12/29/2009	<p>Changed the data model diagram:</p> <ul style="list-style-type: none"> Renamed ExpendValue.dt_Retreived to dt_Retrieved Renamed DevDataExtract.Program_ID_Subprogram to SubprogramCode, Fund_ID to FundCode 	Jesse Douglas
1.16	1/3/2010	Comments on version 1.15	Pat Kaczmarek
1.17	1/5/2009	<ul style="list-style-type: none"> Removed dt_RetrievedOn column from EnactBudgetData. Changed SubObjectCode to SubobjectCode in the data model. Added AgencyCode to ExpendCoordinate column type table. Changed Elementcode to varchar(2). Changed FundCode to varchar(4). Updated Modified Enacted Budget Object Model with the following changes: 	Kazi Huque

		<ul style="list-style-type: none"> ○ Replaced RetrievedYear, RetrievedMonth, RetrievedDate properties in CARS.Expenditure and CARS.ExpenditureListCriteria with DateRetrieved property of type System.DateTime ○ Added ID read-only properties, New* static methods to classes inheriting from BusinessListBase or AuditableBase ○ Renamed ModifiedEnactedBudget(ListCriteria).OrganizationCode to AgencyCode ○ Renamed CARS.BETransaction(ListCriteria).BatchDate to BatchDay ○ Renamed CARS.Expenditure(ListCriteria).FiscalYear to Year 	
1.18	1/5/2009	<ul style="list-style-type: none"> • Added MonthYearCode to Ref_MonthYear table. • Added Ref_DayOfWeek and WeeklyDayOfWeek tables in data model. 	Kazi Huque
1.19	1/7/2010	<ul style="list-style-type: none"> • Updated object model diagrams to reflect changes described in version 1.17 for Modified Enacted Budget. • Added overloaded Get* factory methods taking list of IDs to editable root classes in object models for outbound systems. 	Jesse Douglas
1.20	1/8/2010	<ul style="list-style-type: none"> • Added DataTransferManager class in PBConnector object model. • Made all properties in DataTransferInterface class readonly. 	Kazi Huque
1.21	1/11/2010	<ul style="list-style-type: none"> • Updated Chart of Account object model to comply with business requirements for BIDS. The following changes were made: <ul style="list-style-type: none"> ○ Added RevenueSourceFundGroupList ○ Added RevenueSourceFundGroup ○ Added FundGroupRevenueSourceList ○ Added FundGroupRevenueSource • Updated PBConnector object model. Added the following classes: <ul style="list-style-type: none"> ○ MonthList ○ Month ○ DayList ○ Day 	Kazi Huque

1.22	1/12/2010	Removed all comments from the document. Accepted all changes and turned off track changes.	Anthony Lewandowski
1.23	1/15/2010	<p>Changed the Employee table in the data model:</p> <ul style="list-style-type: none"> • Removed WorkingTitle • Added ParentAgency, MinSalary, MaxSalary • Renamed RoleDescription to RoleTitle, changed to varchar(200) <p>Added a description for RecordTypeCode in the DevDataExtract database table.</p> <p>Changed the PMIS.Employee object model:</p> <ul style="list-style-type: none"> • Removed WorkingTitle • Added ParentAgency, MinSalary, MaxSalary • Renamed RoleDescription to RoleTitle 	Jesse Douglas
1.24	1/18/2010	<p>Added PBConnector Object Model II with class descriptions for:</p> <ul style="list-style-type: none"> • ParseManager • RangeList • Range 	Kazi Huque
1.25	1/19/2010	Added Hour and Minute properties to Daily, Weekly, and Monthly classes in the PBConnector object model.	Kazi Huque
1.26	1/20/2010	<p>Added the following classes to the PBConnector object model:</p> <ul style="list-style-type: none"> • NotificationList • Notification <p>Added the following properties to ExternalInterface and DataTransferInterface classes in the PBConnector object model:</p> <ul style="list-style-type: none"> • Retries • Timeout 	Kazi Huque
1.27	1/25/2010	<ul style="list-style-type: none"> • Added Type and Length properties to Range class in PBConnector object model. • Modified PBConnector object model to make ParseManager and Range classes implement BusinessBase class. 	Kazi Huque
1.28	1/25/2010	<p>Changed CARS.Expenditure and CARS.ExpenditureList.ExpenditureListCriteria:</p> <ul style="list-style-type: none"> • Removed DateRetrieved, Month, Year properties • Added DayOfTheYear, FiscalYear properties <p>Changed CARS.Expenditure:</p> <ul style="list-style-type: none"> • Removed Amount property • Added amount properties for each month in a year 	Jesse Douglas

		Cleaned up PBInterface object model diagrams.	
1.29	1/27/2010	<p>Made the following changes to the data model:</p> <ul style="list-style-type: none"> • Removed Ref_MonthYear table • Added columns for each month of the year to the ExpendValue table • Removed Day_ID from Day table • Changed all int primary keys to bigint • Added FTPConnection and WSConnection tables <p>Made the following changes to the object models:</p> <ul style="list-style-type: none"> • Added Connection, FTPConnection, and WSConnection classes 	Kazi Huque
1.30	1/27/2010	<p>Made the following changes to the data model:</p> <ul style="list-style-type: none"> • Removed Timeout and Retries columns from ExternalInterface table • Added Timeout and Retries columns to FTPConnection and WSConnection tables <p>Made the following changes to the object model:</p> <ul style="list-style-type: none"> • Removed Timeout and Retries from ExternalInterface class • Added Timeout and Retries to Connection class 	Kazi Huque
1.31	1/28/2010	<p>Made the following changes to the data model:</p> <ul style="list-style-type: none"> • Removed all Code columns from the Chart of Account tables • Changed the primary key ID types of all Chart of Account tables from bigint to varchar 	Kazi Huque
1.32	2/1/2010	Renamed CARS.Expenditure.YTDamt to YTDAmount in the object model.	Jesse Douglas
1.33	2/1/2010	<p>In the EnactBudgetData table in the data model:</p> <ul style="list-style-type: none"> • Renamed BDMBudgetYr* to Yr*Positions • Renamed DLASBudgetYr* to Yr*Amount <p>In BBS.EnactedBudgetDev in the object model:</p> <ul style="list-style-type: none"> • Renamed BDMBudgetYr* to Yr*Positions • Renamed DLASBudgetYr* to Yr*Amount 	Jesse Douglas
1.34	2/2/2010	<p>Made the following changes to the data model:</p> <ul style="list-style-type: none"> • Removed EnactBudgetData table • Added EnactBudgetCapital table • Added EnactBudgetOper table • Added BudgetExecTranExtractDetail table • Changed columns in BudgetExecTranExtract table 	Kazi Huque

1.35	2/2/2010	Made the following changes to the data model: <ul style="list-style-type: none"> Removed Year1Sign and Year2Sign from EnactBudgetCapital table Removed Year1Sign and Year2Sign from EnactBudgetOper table 	Kazi Huque
1.36	2/2/2010	Made the following changes to the PBConnector object model: <ul style="list-style-type: none"> Added TriggerList class Added ChangeTrigger method in DataTransfer class 	Kazi Huque
1.37	2/3/2010	Made the following changes to the data model: <ul style="list-style-type: none"> Added additional columns to the BudgetExecTranExtract table 	Kazi Huque
1.38	2/3/2010	Made the following changes to the data model: <ul style="list-style-type: none"> Removed Fund from EnactBudgetCapital and EnactBudgetOper tables Added FundGroup and FundDetail in EnactBudgetCapital and EnactBudgetOper tables 	Kazi Huque
1.38	2/5/2010	Made the following changes to the data model: <ul style="list-style-type: none"> Combined ModifiedEnactedBudget and BudgetExecTranExtract tables, updated columns Combined EnactBudgetCapital and EnactBudgetOper tables into EnactedBudget table, updated columns Added Ref_CapitalOperating, Ref_DollarsPositions, Ref_EnactedExecution tables Made the following changes to the object model: <ul style="list-style-type: none"> Combined ModifiedEnactedBudget* and BETransaction* classes into single hierarchy, updated properties Updated EnactedBudget* properties Added BBS.enum_CapitalOperating and enum_DollarsPositions 	Jesse Douglas

1.39	2/8/2010	<p>Made the following changes to the data model:</p> <ul style="list-style-type: none"> Renamed ModifiedEnactedBudget table to CARSOmbound <p>Made the following changes to the object model:</p> <ul style="list-style-type: none"> Added ModifiedEnactedBudgetListManager, which has ModifiedEnactedBudgetList child ModifiedEnactedBudgetList: Changed FiscalYear and FiscalMonth properties from ints to shorts Added CARSOmboundData<T>, from which ModifiedEnactedBudget and BETransaction inherit ModifiedEnactedBudgetListManagerCriteria: <ul style="list-style-type: none"> Renamed from ModifiedEnactedBudgetListCriteria Nested within ModifiedEnactedBudgetListManager Changed FiscalYear and FiscalMonth properties from ints to shorts Marked nullable properties Cleanup 	Jesse Douglas
1.40	2/9/2010	<p>Made the following changes to the data model:</p> <ul style="list-style-type: none"> Removed Code column from Ref_CapitalOperating, Ref_DollarsPositions, Ref_EnactedExecution Added Subprogram column to EnactedBudget; changed Program size to 3 <p>Made the following changes to the object model:</p> <ul style="list-style-type: none"> Added Subprogram property to EnactedBudget, EnactedBudgetListCriteria Added Program, Subprogram property to CARSOmboundData<T> Added ModifiedEnactedBudgetListManager.NewModifiedEnactedBudgetListManager() 	Jesse Douglas
1.41	2/10/2010	<p>Made the following changes to the data model:</p> <ul style="list-style-type: none"> Added Code column of type smallint back to Ref_CapitalOperating, Ref_DollarsPositions, Ref_EnactedExecution; changed each table's ID column to bigint <p>Made the following changes to the object model:</p> <ul style="list-style-type: none"> Revised property names for BudgetDev, BudgetDevListCriteria, Expenditure, ExpenditureListCriteria, Employee, EmployeeListCriteria, BudgetInformation EmployeeListCriteria: Added ParentAgency, Program, 	Jesse Douglas

		Subprogram, Element, Project, Cost, Fund properties	
1.42	2/11/2010	<p>Made the following change to the data model:</p> <ul style="list-style-type: none"> CARSOutbound: Replaced TransactionCode column with AdjustmentCode of type char(1) <p>Made the following changes to the object model:</p> <ul style="list-style-type: none"> CARS.OutboundData<T>, ModifiedEnactedBudgetListManagerCriteria: Replaced TransactionCode property with AdjustmentCode of type char 	Jesse Douglas
1.44	3/3/2010	<p>Made the following changes to the data model:</p> <ul style="list-style-type: none"> Added EnactedBudgetText table. Replaced DevDataExtract table with new Budget Dev. tables to match updated understanding of outbound DLAS data Removed unnecessary ID columns Corrected types in descriptions <p>Made the following changes to the object model:</p> <ul style="list-style-type: none"> Expanded Enacted Budget to support importing text as well as numbers Outbound interfaces: <ul style="list-style-type: none"> Removed Get*() factory methods, ID properties, and corresponding helper classes (e.g., SafeDataReader): outbound interfaces now only allow deletion of all records and insertion of new records Added Delete*Records() protected static method to root classes Overhauled Budget Development classes to match updated understanding of outbound DLAS data 	Jesse Douglas
1.45	3/4/2010	<p>Made the following changes to the PBConnector object model:</p> <ul style="list-style-type: none"> Replaced enum_DayOfWeek with enum_DaysOfTheWeek Added enum_MonthsOfTheYear 	Jesse Douglas
1.46	3/10/2010	Made the following change to the data model:	Jesse Douglas

		<ul style="list-style-type: none"> Removed the Ref_DataTransferState table Replaced day of week tables with columns in Weekly 	
1.47	3/15/2010	Removed ActiveFlag from both Connector object model and data model.	Kazi Huque
1.48	3/16/2010	Increased precision of decimal-type columns in the BudgetDevExtract, BudgetInfo, and CARSOutbound tables in the data model.	Jesse Douglas
1.49	3/30/2010	Removed BES from list of PMIS source external systems. Added the section "PBConnector User Interface Design."	Jesse Douglas
1.50	4/2/2010	<ul style="list-style-type: none"> Replaced the data model diagrams with the PBInterface ERD. Updated and corrected the database table and column descriptions. 	Jesse Douglas
1.51	4/13/2010	<ul style="list-style-type: none"> Expanded the Auditing and Error Logging discussion in the PBInterface Service design in section Error! Reference source not found.7. Expanded the discussion on Auditing, Error Logging and Email Notifications in the PBConnector Service design in section Error! Reference source not found.8. Changed the name of the PMIS inbound interface to the HR inbound interface throughout the document including in two UI screenshots. 	Anthony Lewandowski
1.52	4/19/2010	<ul style="list-style-type: none"> Made the following change to the data model: Changed the length of DataTransfer.DataTransferDescription from 20 characters to 50. 	Jesse Douglas

19 Preliminary and Final PB Application Design Document and Addendum

19.1 Activities Related to the Plan

- Identified the application design that will be used for the Phase I deliverable

19.2 Content Changes to the Plan

- None to the Preliminary PB Application Design Document and Addendum
- Changes to PB Final Application Design are in process. Changes are part of CRs ID #6385 and #6386.

20 Preliminary and Final PB Report Design and Specifications Document

20.1 Activities Related to the Plan

- Identified the design and specifications of the 24 reports that will be produced as part of Phase I of the PB System

20.2 Content Changes to the Plan

- None to the Preliminary PB Report Design and Specifications
- Changes to PB Final Report Design and Specifications Document are reflected in Table 4 below. These changes are part of CR ID# 19850.

Table 4: Changes to PB Final Report Design and Specifications Document

Change/Version Number	Date of Change	Impacted Section/Description of Change	Person Entering Change
1.1	4/14/2010	Removed Grouping input on Summary of Estimated NGF Balances report.	Tri Truong
1.2	4/14/2010	Updated Report Location to include DPB / Agency & DPB subfolders depending on report security.	Tri Truong
1.3	4/14/2010	Removed AmountType as grouping from Six-Year Financial Plan Details report	Tri Truong
1.4	4/14/2010	Removed RevenueSource and FundDetail grouping from Six Year NGF Revenue Estimate report	Tri Truong
1.5	4/14/2010	Updated columns in the Summary of Estimated Nongeneral Fund Balances report. Corrected data formats in the Amount columns for the Six-Year Nongeneral Fund Revenue Estimate report.	Tri Truong
1.6	4/15/2010	For Approved Budget Reduction Amounts report: <ul style="list-style-type: none"> Changed the Approval Status user input available values to 'In the Track' and 'Under Consideration'. Moved AgencyName from Grouping to Columns table. 	Tri Truong

21 PB Database Design Document

21.1 Activities Related to the Plan

- Identified the overall design adopted for the new PB System

21.2 Content Changes to the Plan

- Changes to PB Database Design Document are reflected in Table 55 below. These changes are part of CR ID# 19851

Table 5: Changes to PB Database Design Document

Change/Version Number	Date of Change	Impacted Section/Description of Change	Person Entering Change
1.1	01/07/2010	Made some changes to the security model to reflect the fact that processes accessing views derived from data in external databases also need read and/or write access to those external databases. Added a pbreader role to the PBInterface database.	Anthony Lewandowski
1.2	1/25/2010	Updated the access level of the PBConnectorWriter service account to also create, update, read, and delete tasks in the Application Server task scheduler.	Anthony Lewandowski
1.3	01/01/2010	Updated data dictionary links and locations.	Lisa Li

22 PB Security Plan

22.1 Activities Related to the Plan

- Identified how users will be validated in accessing the system and what roles and permissions will be assigned

22.2 Content Changes to the Plan

- None since COVA approval

23 PB Organizational Change Management Plan

23.1 Activities Related to the Plan

- Identified how Project Performance Corporation (PPC) and COVA will assist nearly 600 Commonwealth of Virginia (COVA) employees in preparing for the organizational, business, and operational changes that will occur with the implementation of the new Performance Budgeting (PB) system

23.2 Content Changes to the Plan

- None since COVA approval

24 PB Integrated Training Plan

24.1 Activities Related to the Plan

- Identified the strategies, course curriculum, and high-level schedule for training stakeholders, project team members, system users, and system support personnel on the new PB System

24.2 Content Changes to the Plan

- None since COVA approval

25 PB Test Plan

25.1 Activities Related to the Plan

- Identified the test plan approach and high-level test methodology, scope, and logistics to validate the implementation of each component of the PB System

25.2 Content Changes to the Plan

- None since COVA approval; still need to finalize changes to approach and base-line

26 PB Data Conversion and Migration SSIS Packages Document

26.1 Activities Related to the Plan

- Identified SQL Server Integration Services (SSIS) packages which, together with associated database utility scripts, have been developed to migrate data from legacy data systems scheduled to be replaced by the new PB System

26.2 Content Changes to the Plan

- None since COVA approval

27 PB Performance and Capacity Planning Approach Document

27.1 Activities Related to the Plan

- Identified the approach for performance testing and capacity planning that is both systematic and practical

27.2 Content Changes to the Plan

- None since COVA approval

28 PB Configuration Management Plan

28.1 Activities Related to the Plan

- Identified the definition and controls for the Configuration Items of the PB System.
Listed all of the existing CIs for the project, how they are managed, and the process for adding a new item.

28.2 Content Changes to the Plan

- None since COVA approval